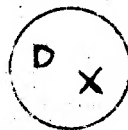


American Ionospheric Propagation Association

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Volume 7, Number 4

Page One

April 6, 1960

AIPA BULLETIN...Published first week of each month. 12 issues a year.
MEMBERSHIP.....\$3.00 per year. Entitles you to monthly bulletins,
report forms, membership card, and miscellaneous items. Canadian members
\$3.25---- Foreign membership \$5.00----- Payable to President.

EDITORIAL...

April brings us to the time of year that we turn our attentions to the event of electing AIPA officers and board members to conduct and carry on your club. Enclosed you will find a self address-card for your choice in voting. Vote for a President, Vice-President, and six Board Members. All members are eligible to vote, and we urge all to please do so. (Members with a year or more membership are eligible to run for office.)

We have word in from Tom Hidley of Chicago that things are now started and in motion toward the 1960 AIPA National Convention to be held in Chicago about the second week of July. This will be a two day (Sat. & Sun.) affair. Members who have attended the past yearly conventions will verify their good time and enjoyment had at these get-together meetings. All the AIPA'ers who can make it attend this affair and bring their DX paraphernalia, (photos, Verifications, DX Tips, and information etc.) this we exchange and gossip over for two days. There is Tape recorders for the taping of the individuals there which makes up a compiled tape that is sent out after to all those who recorders. (By the way, Where is the 1959 convention tape ??????) Hi! So keep in mind- July for a trip to the Chicago convention. I'll pass on full details as to exact location there and how to get there at a later issue.

Those of you who will get to see the April issue of DXing Horizons Magazine will note a wonderful mention and half page article on the AIPA bulletins, conventions with photos, crediting us with having the world's top DXers, Hdqt's address for new enrollments. This article was published through the courtesy of the DXing Horizons Magazine for which we are thankful.

In the past two months there has been some unwanted, and distasteful events arisen which now has the AIPA and the DXing Horizon Magazine at a uncalled-for ill felling relationship. Personally, I detest such goings on! If, in any way I'm held responsible for this un-called for mess- I surely am making apologies from here, and for any other source that may have derived from this AIPA club. This club or association is supposed to be for TV DXers and so called good-fellowship members-----LETS KEEP IT THAT WAY !!!!!.

In closing I want to thank all for the words of GET-WELL and their concern of my recent illness. I also want to thank those who carried on for me during this absence.

AIPA'ers----- remember to VOTE and line up your vacation for the second week in JULY and make the Convention.....

Art.

Charles Wood 113 Pine Street Ashland, Oregon AIPA 3/22/60
Special Features and all that jazz!

This month I've received quite a few letters, for a change. Several members have shown interest in a Western AIPA Convention. I have the results for the contest that I ran. They were as follows:

Top Western DX station operating on channel two: KMID, Midland, Texas.
Top Western DX station operating on channel three: KARD, Wichita, Kansas.
Top Western DX station operating on channel four: KGNC, Amarillo, Texas.
Top Western DX station operating on channel five: KFBC, Cheyenne, Wyoming.
Top Western DX station operating on channel six: KOTV, Tulsa, Oklahoma.

If these findings didn't agree with you, its because you didn't vote. I only received about a half a dozen letters.

Mail was received this month from Jim Pirch, Thomas J. Midloy, Dennis Smith, Dave Webb and Mr. Bingham in Postus, Missouri. I also received some interesting brochure from the Finney Company of New Bedford, Ohio. It looks as if they have put out a real hot FM antenna this year. It really interest me as do their UHF antennas.

I received an article from Dennis Smith who is now at Berkely, California going to the University there, I presume. It is from the Tuesday, March 15, 1960 edition of the San Francisco Examiner. It is datelined Bay Shore, New York. It seems as if a patient, Edward McBride, at the Southside Hospital enjoys television and a fresh smelling room. He reached for the spray deodorant and pressed the button. The channel on his remote control television set changed. He tried it again and again it worked. He tried it on fifteen other sets in the hospital. It worked on ten and failed on five. He tried other cans of deodorant but they all failed. A TV repairman examined the can and found that the nozzle emitted ultrasonic sound waves causing the set to change channels.

I recently visited my local KBES TV, channel five in Medford, Oregon. The chief engineer happened to be around and we got acquainted. He showed me their color monitor. It is manufactured by General Electric, he also showed me a television set made by Craftsman. It consist of about five stages of if, I beleive and has a cascode tuner plus a refined circuit. It costs about 250.00 without the picture tube and cabinet. Whether it is any good I couldn't say. They also have areciever for off the air pick up which is definetly hotter than any thing on the market. He invited me to bring my Winogard to the studios next summer so that we could mount it on the mast which their folded dipole is on. He is needless to say mildly interested in tv DX. He showed some interest in a DX slide for the station. Black on a white background. He said that I could submit one as long as it was artistic enough. I would like for any member with the ability to draw to send me an ID slide for the station. The following information should be on it: KBES-TV, Medford, Oregon, Serving Southern Oregon and Northern California. I will take the best drawings to the station for their approval. He also said that he would be very happy to run a DX test for us next summer. He said that he could let us know a week or ten days in advance. I don't beleive that I mentioned this last month, but KBES was received in New Hampshire by double hop E skip February 15, 1960, did any other members notice any activity that day. The DXer was a Ham operator and I have contacted him for possible membership in the club. This might also be a good way to enlist members, by contacting local television stations particularly during the summer and write to reporters of reception that aren't a member of our club already. As you all know I enjoy mail, by the way I have the tape of Art and Kings broadcast from Canada and I don't have a mailing list of members with a tape recorder, if you are interested in getting it send me your name and address. Best of DX and 73's.

Charles Wood-----

GRANTS

Ch. 8 CHAN-TV Vancouver, B.C. 180Kw.
 Ch. 10 Montreal, Que. French speaking.
 Ch. 12 Montreal, Que. English "
 Ch. 18 Ogden, Utah.. 45, Kw-. 225Kw.
 Ch. 32 Clearwater, Fla. 9.33Kw- 5kw.

APPLICATIONS.

Ch 4 Reno, Nev. 16.02Kw-7.956 Kw.
 Ch 4 Reno, Nev. 23.17Kw- 11.59 Kw.
 Ch 10 Medford, Ore.
 Ch _____ Pembina, N.D. (KCND-TV)

CALL LETTERS ASSIGNED ETC.

Ch 3 KCDA-TV Douglas, Ariz.
 Ch 4 WCIV Charleston, S.C.
 Ch 9 WXGA-TV (Ed.) Savannah, Ga.
 Ch 10 KRNM-TV Roswell, N.M.

NOTE.. The FCC news is light this month so we will try to fill the balance of this page with other details.

MIS'L NEWS

The long debated mystery of Houston, Texas-old call letters KLEE-TV is supposed to be solved by the National Radio Astronomy Observatory as a hoax. The call letters (ID slide) supposed to have been seen in Europe after the station stopped using the slide was a copy of the station's identification Card. At the time of the reception, no such call letters were used+= 1953 !!!

Nine different stations are trying for a ch 9 application in Toronto. Four applicants for two stations in Montreal, Que.

CHCH-TV ch 11 in Hamilton, Ont. wants to up their power to 325Kw Vis. and 182 Kw. Aur. also raise Antenna height from 654' to 1,175'.

Green Bay, Wisc. gets the ch 11 (shift) from Marinette, Wisc.

WTHS-TV ch 2 in Miami, Fla. testing as of March 1st... 100Kw.

Panama's first TV station went on the air March 14th (RPC-TV).

Fresno, Calif. may go all UHF (taking the KFRC-TV fr ch 12 to ch 30..

WTVI (TV) Ft. Pierce, Fla. will begin construction soon, and on early next fall.... This a UHF'er...

Five UHF's replies to the FCC as "Dropouts" are.....

WPTR-TV Albany, N.Y... WEOL-TV Elyria, Ohio... WKNE-TV Keene, N.H.

WIND-TV Chicago, Ill. KSPG (TV) in Tulsa, Okla.

WRAY-TV ch 52 - reported by Tom Hidley of Chicago on the one and only day a year that they come on the air- for the March of Dimes.

The first bit of "E-Skip" was in here, Buffalo area March 31st. was on ch 2 only, and lasted for only 12 to 15 minutes, 7:45 to 8:00 PM. Of course it's not much, but at least it's a start, and an early one....

* I have several requests for the return column of "MS"... I believe too that Bill Nieman will be busy this early summer with Skip reports, so our good friend Billy Draeb of Ellis St. RR#2, Kewaunee, Wis. has offered to do the "MS" Meteor Scatter Column.. Billy is very well capable of handling the column.. He also has a good typewriter and that means something Hi ! So from here on in--mail your "MS" reports to Billy..

NEW MEMBERS IN THIS MONTH ARE

David Webb -Springfield, Mass.

Richard Miller-Royal Oak, Mich.

Joseph Mirmak- Wilkes-Barre, Pa.

Norman Burnes-Buffalo, N.Y.

(Thanks to B.Nieman for Norm Burnes.

RENEWALS CONT.....

James Habermehl, also going for 4 yr.

John Wingard (Wingard Antennas)=4th year.

RENEWALS ARE....

Ray O'Rear starting his 4th year.

Jim Dillon, on his 5th year.

Don Voegelé, 4th year for Don.

Don Middleton (W4BLP) his 5th year.

Ed Prond, starting his 4th year.

Dick Mason, on his 3rd.

M.W. DeGeer, going on his 4th year

By Art Collins.

RANK COLUMN April 6, 1960 by Walter W. Spaulding
 I have some sign on and off times for stations in the New York state
 Area. These were sent to me by Don Vaegles our member from Lancaster
 New York.

WINR-TV	40	Binghamton, New York	1000	2435	1300	2200	0630	0100
WBRE-TV	28	Wilkes Barre, Pa.	0900	2445	1155	2445	0600	0100
WDAU-TV	22	Scranton, Pa.	0725	0235	0855	0300	0600	0235
WSYE-TV	18	Elmira, N.Y.	0830	0100	0845	0100	0630	0100
WNEP-TV	16	Scranton, Pa.	0900	2430	1055	2445	0845	2450
WNBF	12	Binghamton, N.Y.	0630	2450	0830	2445	0645	2450
WHEN-TV	8	Syracuse, N.Y.	0800	0220	0900	2450	0700	2450
WSYR-TV	3	Syracuse, N.Y.	0730	0845	0845	0100	0630	0100
WCBS-TV	2	New York, N.Y.	0645	0310	0745	0240	0645	0245
WRCA-TV	4	New York, N.Y.	0655	0200	0655	0200	0555	0145
WNEW	5	New York, N.Y.	0755	2430	0825	2435	0750	2430
WABC-TV	7	New York, N.Y.	0756	0100	0756	2445	0726	2445
WOR-TV	9	New York, N.Y.	1040	0100	1015	2430	1045	0130
WPIX-TV	11	New York, N.Y.	1215	2400	1100	2445	0950	2450
WNTA-TV	13	Newark-New York, N.Y.	0830	2400	0900	2230	0800	0130
WTIC-TV	3	Hartford, Conn.	0755	0205	0800	2455	-720	2455
WNHC-TV	8	New Haven, Conn.	0800	0230	0800	0100	0615	0110
WICC-TV	43	Bridgeport, Conn.	1900	2200	1800	2230	1830	2230
WKTV	2	Utica, N.Y.	0800	2445	0800	2445	0600	0100
WROC-TV	5	Rochester, N.Y.	0900	0100	0900	0100	0600	0100
WRGB	6	Schneectady, N.Y.	0830	2445	0830	2445	0600	2445
WCNY-TV	7	Watertown, N.Y.	0900	0100	1000	0115	0800	2445
WHBC-TV	10	Rochester, N.Y., WVET-TV	0800	2430	0900	2445	0700	2450
WTEN	10	Albany, NY.	0800	2445	0830	2445	0620	0100
CKWS-TV	11	Kingston, Ont. Canada	1230	2435	1100	2445	1215	2330
WAST	13	WTRI 35 Menands N.Y.	0800	2430	0900	2430	0700	2430

Thanks to Don for sending this information to me. All times in this
 column is EST the first column of times is Saturdays then Sundays
 the week-days are in the last column.

One of our newest members from Buffalo, N.Y. is a great DXer he has sent
 in his station log from Buffalo and Regina, Sask. Canada.

WGR -TV	2	Buffalo, N.Y.	2M.	WSTV	9	Stubenville, Ohio	210
WKTV	2	Utica, N.Y.	185	CKLW-TV	9	Winsor, Ont.	215
KDKA-TV	2	Pittsburgh, Pa.	200	WHECWVET	10	Rochester, N.Y.	63
WJBK-TV	2	Detroit, Mich.	215	CEPL-TV	10	London, Ont.	120
CKVR-TV	3	Barrie, Ont.	111	WFBC-TV	10	Altoona, N.Y.	150
KYW -TV	3	Cleveland, Ohio	180	CHCH-TV	11	Hamilton, Ont.	57
WSYR	3	Syracuse, N.Y.	132	CKWS-TV	11	Kingston, Ont.	158
WBEN-TV	4	Buffalo, N.Y.	22	WTOL-TV	11	Toledo, Ohio	250
WTAE	4	Pittsburgh, Pa.	200	WIIC	11	Pittsburgh, Pa.	200
WROC-TV	5	Rochester, N.Y.	63	WICU-TV	12	Erie, Pa.	80
WEWS	5	Cleveland, Ohio	180	CHEX-TV	12	Petersborough, Ont.	100
WNEM-TV	5	Bay City, Mich.	270	CKCO-TV	13	Kitchner, Ont.	93
WCSC	5	Charleston, S.C.	700	WSPD-TV	13	Toledo, Ohio	250
CBLT-TV	6	Toronto, Ont.	57	WNED	17	Buffalo, N.Y.	6
WJAC-TV	6	Johnstown, Pa.	180	WSYE-TV	18	Elmira, N.Y.	116
WJIM-TV	6	Lansing, Mich.	300	WFMJ-TV	21	Youngstown, Ohio	160
WKBW-TV	7	Buffalo, N.Y.	22	WKBN-TV	27	Youngstown, Ohio	160
WCNY	7	Watertown, N.Y.	162	WSKT-TV	33	Youngstown, Ohio	160
WXYZ-TV	7	Detroit, N.Y.	215	WSEE	35	Erie, Pa.	80
WTRF-TV	7	Wheeling, W.Va.	230	WTVS	56	Detroit, Mich.	215
WHEN-TV	8	Syracuse, N.Y.	132				
CKNX	8	Wingham, Ont.	140				
WJW -TV	8	Cleveland, Ohio	180				
WOOD-TV	8	Grand Rapids, Mich.	360				

Best low band WCSC-TV 700 miles
 Best High band WOOD TV 360 miles
 Best UHF WTVS 56 215 miles
 4 verifications

RANK COLUMN

April 6, 1960

by Walter W. Spaulding

The following is the log for David Kanaar when he lived in Regina.

CKCK-TV	2	Regina, Sask.	4	KOMO-TV	4	Seattle, Wash.	800
WGR -TV	2	Buffalo, N.Y.	1350	WKY -TV	4	Oklahoma City	1150
WJBK-TV	2	Detroit, Mich.	1200	WSM -TV	4	Nashville, Tenn.	1350
KNXT	2	Los Angeles, Cal.	1400	KTVT	4	Salt Lake City	800
KVOO-TV	2	Tulsa, Okla.	1150	KRLD-TV	4	Dallas, Texas	1350
KBOI-TV	2	Boise, Idaho	750	WTTV	4	Indianapolis	1200
KMID-TV	2	Midland, Texas	1300	KARK-TV	4	Little Rock, Ark.	1300
KUTV	2	Salt Lake City U.	800	KXLY-TV	4	Spokane, Wash.	650
KTVU-TV	2	San Francisco, Cal.	1300	KSL -TV	5	Salt Lake City	800
KTWO-TV	2	Casper, Wyo.	550	KING-TV	5	Seattle, Wash.	800
KLRJ-TV	2	Henderson, Nev.	1200	KNAC-TV	5	Ft. Smith, Ark.	1200
KREM-TV	2	Spokane, Wash.	650	CKBI-TV	6	Prince Albert	190
CKCW-TV	2	Moncton, N.B.	1900	CKSW-TV	6	Spokane, Wash.	650
KFEQ-TV	2	St. Joseph, Mo.	900	KCMC-TV	6	Texarkana, Ark.	1350
KYW -TV	3	Cleveland, Ohio	1300	CFQC-TV	8	Saskatoon	140
KCRA-TV	3	Sacramento, Cal.	1200	KUMU-TV	8	Williston, N.D.	170
KLEW-TV	3	Lewiston, Idaho	650				

Best distance CKCW-TV 2 1900 miles (Very brief TP poor signal)

Average Es distance 1085 miles

Average of 6 best stations (below) 1285 miles

The six most frequently and clearly viewed stations in Regina

(1)	KNXT	2	Los Angeles	1400
(2)	KUTV	2	Salt Lake City	800
(3)	KMID	2	Midland	1300
(4)	KVOO	2	Tulsa	1150
(5)	KTVU	2	San Francisco	1300
(6)	WKY	4	Oklahoma City	1150

The following TP information sent in by Dennis Smith.

RCA wedge KTVU-2 KCRA 3 KNTV 11 KTTV 11

IHTP no call. KTLA 5 KPIX 5 KHJ 9 KCOP 13 KBAK 29

Bulls eye (Number in center) KRON 4 XETV 6 KFBM 8 KFRE 12 KMJ 24
KJEO 47

Standard bulls eye (not in center) KPIX 5

RTMA Resol. Chart no call KEY-T 3 KQED 9 KERO 10 KLYD 17

CBS type KNXT 2 KFSD 10

ABC KABC 7 KGO 7

Dennis has added one more station to his list KVIE 6 Sacramento, Cal. via tropo 235 miles. He now has a total of 97. He hopes to make a 100 soon. (Your not alone Dennis) (ED) I need 3 more also.

Well that all for this month hope to have more next month. Spring is here at last. Skip season soon don't forget to let your editors know what you pick up. Also don't forget to vote during the next month.

Walter W. Spaulding R.D. #3 Box 168
Cardington, Ohio

Ed Prond, Dolton, Ill.---Has one new one to report, KS2XBR ch.38. Ed's antenna was blown down and he missed that good tropo. He has 130 stations and 25 on UHF.

Thomas Hidley, Chicago, Ill.---Via tropo, March 2, KWWL-7; March 24, WCPO-9. Via Ms, Feb. 27, WOAI-4; Feb. 28, WWL-4; March 19, KRLD-4.

Dave Webb, Springfield, Mass.--- March 15, via tropo, KCOP-11 (2800 miles). That is really a terrific tropo distance. Dave's log is at 61.

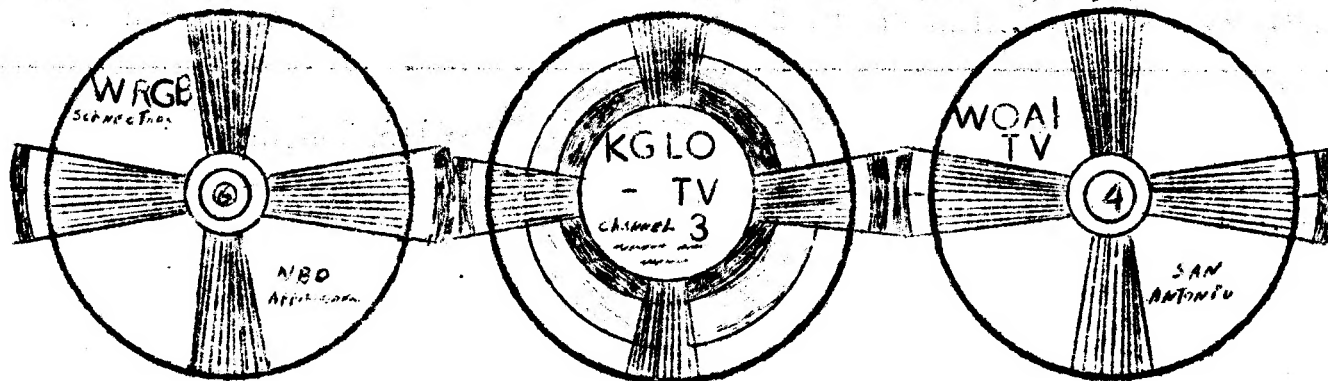
Billy Draeb, Kewaunee, Wis.--- Via tropo, Feb. 24, WKOW-27 WMTV-33; March 18, WILX-10 WJRT-12 WNDU-16 WSBT-22. Via Ms, March 13, ch. 7 no IDs. March 19, WSPA-7 (tent.). Bill has just ID a station received on July 3, 1959 as KATV-7. His log is still at 240.

B.J. Bingham, Festus, Mo.--- All the following are via tropo. He said that this was the best tropo seen in the winter. Jan. 30, WIBW-13 WHO-13 WREX-13 WISN-12 WMVS-10 WGN-9 WBKB-7 KWWL-7 WXYZ-7 KETV-7 KMBC-9 KCRG-9 WOOD-8 WBBM-2 WJRT-12; Jan. 31, WISN-12 WHO-13 KRNT-8 WREX-13 WOC-6 WFBM-6 WLWI-13 WISH-8 WXYZ-7 WBKB-7 WGN-9 KCRG-9 WOOD-8 KTHV-11 WSPD-13 WTOL-11 KTTS-10; Feb. 1, CFPL-10 (740 miles) WHIO-7 WAVE-3 WCPO-9 WKRC-12 WHBQ-13 WSIX-8 WKBT-8 WISN-12 KMBC-12 WHAS-11; Feb. 2, WKBT-8 WHBQ-13 WSIX-8 WKNO-10 KWWL-7; Feb. 3, KMT-2 KFEQ-2 WREC-3 WHO-13 KCRG-9. His log is at 216 with one new.

Bill Pagel, Glen Ellyn, Ill.---All following are via tropo. Nov. 29, KPLR-11; Nov. 30, WGEM-10 WCPO-9 WTOL-11 WILX-10 WJRT-12 WKRC-12; Dec. 2, WWTW-13; Dec. 7, KCRG-9; Dec. 8, KRNT-8 KCRG-9; Dec. 10, WJBK-2 WCPO-9 KCRG-9 WJRT-12 WTOL-11; Dec. 13, WWTW-13 WLWK-11; Jan. 1, WBKT-8; Jan. 30, KPLR-11 KOMU-8 WJRT-12 WWJ-4 WTOL-11; Jan. 31, WSPD-13 WTVN-6 WJIM-6 WHO-13 KPLR-11 KFSV-12 WSPD-13 KOMU-8 WTOL-11 WHAS-11; Feb. 1, WLWC-5 WLWD-2 WBNS-10 Feb. 6, WTVO-39 WKOW-27 WMTV-33 WSJV-28 WNDU-16 WSBT-22 WTVH-19 WMBD-31 WEEQ-35 WEEK-45 WXIX-18 WFAM-18 WTVN-19 WICS-20 WDAN-24; Feb. 12, KS2XBR-38; Feb. 13, WTVP-17 WKOW-27; March 22, WDAN-24 WTVP-17 WPTA-21; March 26, WBAY-2 WTTV-21. His log is now at 78, with 29 new

Special Notice **** I have arranged a test with CJIC-2 in Sault Ste. Marie, Ontario. They will test for A.I.P.A. on April 13 at 1:00 to 3:30 A.M. E.S.T. All reports should be sent to Dave Irwin, P.O. Box 370, Sault Ste. Marie, Ont.

Richard Nieman, Buffalo N.Y.---All are Ms. March 12, WMCT-5; March 13, KSTP-5; March 15, WOAI-4 (1430 miles); March 19, WRBL-4; March 20, WCSH-6 WPSD-6; March 22, WMAR-2; March 25, WOW-6 WFBC-4; March 26, KMMT-6 On TEST. On March 31 some Es on ch. 2 and 3, no IDs. Aurora on April 1, audio from WRCV-3 WFIL-6 WABC-7. His log is now at 233 with 204 verified.



WRGB ch. 6 Schenectady, New York
 KGLO ch. 3 Mason City, Iowa

WOAI ch. 4 San Antonio, Texas

April 1960

FM-DX

AIPA

Phil Jacobs

6097 Macdonald Ave.

Montreal Quebec

The FM band has not been good but the spring tropo should show soon.

Don Ruland, our Southern DX editor, has received 3 FM stations on his TV set on channel 6 by tuning his set a few mcs. above ch. 6, with the help of his booster. They are local WNDB, 94.5; WDBO-92.3 in Orlando Fla.; and WHWC-FM, 88.3, Colfax Wisconsin on June 28, 1959 during the best Es opening Don has seen. Thanks Don.

Dennis Smith sent two very interesting letters. Dennis, of Wasco Calif., and now attending college at Berkeley, Calif., DXes with a Hallicrafters SX-43 and has logged 34 stations, 4 of which were heard via skip. Prior to the SX-43, Dennis used a Silvertone AM-FM set. Also included in his letter was a list of the FM stations of the San Francisco Bay Area, which I am printing below. Thank you for the reports, Dennis, and please report again.

FM Stations In the San Francisco Bay Area:

Freq.	CALL	POWER(w)	TYPE OF PROGRAMMES	CITY
88.5	KFJC	10	educational	Mtn. View
89.3	KPFB	150	same as KPFA	xxxxxx View
90.1	KSCU	1100	educational	Santa Clara
91.7	KALW	3400	educational	San. Fr.
92.1	KWME	250	music	Walnut Creek
KSJO-FM 92.3		1400	"	San Jose
92.7	KJAZ	1000	all jazz	Berkely
93.3	KYA-FM	15000	R&R, same as KYA	S.F.
94.1	KPFA	59,000	subscription	Berkely
94.9	KSFR	10,000	classical	S.F.
96.5	KRON	13,000	classical	S.F.
97.3	KEAR	82,000	religious	S.F.
98.1	KAFF	1700	classical	Oakland
98.5	KRPM	3800	"	San Jose
98.9	KCBS-FM	35,000	same as KWEE KCBS	S.F.
99.7	KNBC-FM	45000	same as KNBC	S.F.
101.3	KPEN	35000	music	S.F.
102.1	KDFC	33000	cl., multiplex	S.F.
102.9	KRE-FM	19,500	dupl. some of KRE	Berkely
103.7	KGO-FM	24000	same as KGO	S.F.
104.5	KBAY	30,000	music	S.F.
105.3	KBCO	50,000	"	S.F.
106.9	KPUP	39,000	sports & old 78 & some familiar 45.	S.F.

The Toronto FM stations are CBL-99.1, CKCR-96.7 (Kitchener), CKLB-93.5 (Oshawa), CKPC-92.1 (Brantford), WBUF-92.9 (Buffalo), CKTB-97.7, CFRB-99.9, WBEN-102.5 (Buffalo) and CHFI-98.1). Mike Caplan, a non TV DXer of Toronto sent the list up.

If any of you have done any FM DXing, please write your totals, and, if you are currently DXing, please send a rundown of your activities ~~xx~~ for the column.

That's about all the information we have this month ~~xxx~~ on the FM band, so, until next month

73 and good D to all

Phil

7

SOUTHERN DX
April, 1960

Compiled by: Donald Ruland,
834 8th St., Holly Hill, Fla.

March was a very poor month indeed for any form of TV DX all over the South. However, Spring tropo conditions seem to be showing up now here in North Florida. Keep your eyes open for record tropo this month and next! Now for the reports...

Bill Meers, LaGrange, Kentucky---Via tropo: Jan31--KOMU-8, WTV0-39 (new), WSJV-28 (new), WSBT-22, WRAY-52 (new), WMBD-31, WDAN-24 (new), WTVH-19, WTVF-17, WEEK-43, WEEQ-35 (new); Feb1--KCRG-13, KOMU-8, WGN-9; Feb2--WDBJ-7, KOMU-8. Log now at 184, with 5 new. This Jan31-Feb2 tropo opening which most Midwest DXers observed, could be an indication of even better things to come...

Ken Neal, Hamlin, Texas---Via tropo: Mar10--KGUL & KTRK-13. UNID propagations: Mar8--????-2. His log remains at 185.

Robert Berg, Norfolk, Virginia---Via tropo: Mar24--WNCT-9; Mar26--WTVR-6, WRVA-12, WITN-7, WNCT-9. Bob has received 38 stations.

Donald Ruland, Holly Hill, Florida---Via HS: Mar1--WMAR-2; Mar6--WLWD-2, WBHM-2; Mar12--WLWD-2; Mar26--WBHM-2. Via tropo: Mar25--WMAZ-13; Mar27--Cuban UNID's on 4, 5, 6, 7, 8, 11 & 13; Mar 28--WIS-10, WJBF-6; Mar29--WIS-10; Mar30--WMAZ-13 & WIS-10.

Response has been excellent to the contest introduced last month. Let's hear from more of you, though, this month. Here are the standings as of today, April 1:

DXer	Location	St. Total	Aver. Mileage
Jim Dillon	Regina, Sask.	89	1056.5
Dennis Smith	Wasco, Calif.	97	811.4
Donald Ruland	Holly Hill, Fla.	138	789.1
Frank Wheeler	Erie, Pa.	133	597.3
Bill Draeb	Keweenaw, Wis.	240	585.5
Richard Nienan	Buffalo, N. Y.	231	512.0
William Nienan	Buffalo, N. Y.	189	502.4
Richard Bergem III	LaGrange, Ky.	82	463.0
Robert Berg	Norfolk, Va.	38	420.3

The old SDX Salute for April goes to Jim Dillon, our #1 average mileage DXer. Jim, 19 years old, is presently attending Regina College (first year Arts & Science), and plans to attend the University of British Columbia next year, and will major in geography, economics, or physics. He began TV DXing in June, 1955, and has since received 89 stations from his remote location. Equipment consists of 1955 Admiral 17" and 1948 Zenith 12" TV sets, a Vinegard all-channel (8 element) antenna, and a 10 element channel 8 yagi antenna. His best low-band reception is KBTX-3 at 1580 miles, best high-band is KMOT-10 at 205 miles, and no UHF. Besides KBTX-3, Jim has also seen 4 other stations over 1500 miles, and 20 over 1400 miles! Stations from 24 states and 5 provinces have been seen. Other hobbies are BCB DX (171 stations heard), SW DX (46 stations from 28 countries including Sydney, Australia at 8200 miles), bowling, various ice games, sportscar racing, and watching sportscars beat stocks (what's that again Jim????...hi). Jim has done quite well with his TV DX, when you consider his location and the fact he has CKCK-2 next door.

April is election month in the AIPA. I made a bet with King Schafer that at least 75% would vote (record is 51%)....don't make me lose!

Best of DX & all,
Donald Ruland, SDX

APRIL 6, 1960

6

"THE IMMENSITY OF SPACE"

Ionospheric or F-2 Region concern all T V D' Xers who are space minded, and with great patience they are constantly twisting their dials, pin pointing directional rotors, with the proper degrees above their roof tops. Hoping that meteorites will leave enough iron, or metal deposits in the space above the earth, that it will bend the beams from distant T V Stations directly into their T V D' X den.

Many of these meteorites loose billions of small particles out in space above the earth on their downward plunge. All these wee bits are like billions of sputniks orbiting around the earth, until they die out.

There is nothing under the sun, or above the sun, or otherwise that doesn't have a cycle or a natural law that it must follow. All parts are moving, or completing a circuit, whether upon this earth or way out in space.

AN EXAMPLE is the cycle of a loaf of bread. Certain ingredients are used, flour, milk, shortning, sugar, and yeast. Also the dough must be raised, then kneaded down several times. During the baking process, a certain ammount of moisture goes into the air, yet this moisture is not lost; it is still here upon the earth. When the bread is eaten, the food values furnish warmth, energy that build up the tissues of the body. The above ingredients come from various sources. Each one has a story behind it. Any one of the members of the AIPA could write an unusual article about how T V D' Xing entered their lives, and how this out of the ordinary hobby gives them satisfaction, plus relaxation.

It has been quoted that T V D' Xers come and go, but as a T V D' Xer, this is taken as a mere grain of salt. If this hobby once enters the brain cells, not even a cold winter day can shake it off. T V D' Xers just don't fade away. They head for a high elevation, put up towers, double stack their antennae, and retire on their megacycles. Who could enjoy better inductance, or perfect impedance?

Surely T V D' Xing is a program of self education. A hobby that makes one Geographically wise. An education promoting the knowledge of electronics, construction of proper equipment, and the will to do it yourself. It all adds up to experience which is always a wonderful teacher. Knowledge is the key to progression which has advanced in great strides in the last fifty years. Behold! The 20th Century will unfold forty years from now. Fanciful, or facts, no one can hide behind the future.

If you are a non-member of the AIPA. Now is the time to investigate adventure, and become a member of this growing organization.

With kindest regards to all,

Thomas J. Hidley

6117 N. Canfield Ave., Chicago 31, Illinois

" T V CORNER "

Indian Joe, I hear you are a weather prophet, you can always tell the weather conditions ahead of time. Just how do you know?

Indian Joe: " Me watch'um T V Report.

To start off with, may I say hello to all my old time club friends, and I hope through this column to gain many new friends among the new members. May I hear from all of you.

In this column I will list anything which you members may have to swap or might want. Of course it will have to pertain to T.V. or radio accessories. For instance, you may have a T.V. or a radio or even an antenna you wish to swap, or acquire, or even need certain tubes. If so drop me a line including a short but complete description of what you have or want. This information should be brief and to the point...and be sure to include your full name and address.

From time to time I will also dwell upon verifications, their types, the approach to receiving them, and the validity of them. In the past we have had certain members who belittled veries no matter how valid. Since many of us are not among the rich and cannot afford a camera, we must depend on veries for our proof of reception. Veries, if authentic, are just as nice to own as photos. I have had some success in receiving veries in the last seven years. Next month I hope to include in this column a sample copy of the type of letter I send to a station when asking for a verie. Of course some of you may have a much better type of letter than mine. To you I say always use the type most successful.

Historical TV Facts: In this section of the column I will do a little historical research about TV and pass on anything of interest to you readers. Here is an example:

The first reception of London, England in the U.S. was in 1928 by a person in Hartsdale, N.Y. (I'll bet he had a 3-inch screen... wonder what type of an antenna and how high up? Hi!).

There is a museum in Passaic, N.J. where one can see many makes and models of early U.S. TV sets.

Since this first column is just a makeshift affair, I must wait until I hear from you as to what you want to read here and how in any way I can make it of interest to you the readers. May I hear from all of you...after all, you the members can make or break any of the editors. BE SURE AND VOTE!

73's,

Frank Hill, "The Old Buckeye"
Box 147, Gallipolis, Ohio

INTERNATIONAL TV-DX COLUMN

Bryan Rawlings

4376 Wilson Ave., Montreal

Well, TV-DX must really be poor this month because reports received here are down to nil. In part, that is the reason that this column will be shorter than is usual. The other part is the fact that some mix-up somewhere prevented me from receiving the blank stencils upon which this column is originally typed. What happened?

The number of Canadian television stations is going to take a big leap forward as you all must know by now. The Board of Broadcast Governors has recently approved channels 10 and 12 for Montreal. Channel 10 will be occupied by a new French language station and channel 12 will be occupied by CFCF-TV (English). The two are not expected to open until late 1961 to allow for the construction on Montreal's Mount Royal of a new tower to accommodate the 4 TV stations and 4 FM outlets as well as the police radio antenna. Toronto is still awaiting the outcome of hearings for channel 9 there.

In the absence of any real DX to report or any new developments I'd like to use some of the space in this month's column to explain one form of TV propagation. This will be continued next month if space permits and so on until we cover most of the modes of propagation. This is particularly for newcomers to the group.

TROPOSPHERIC PROPAGATION (EXTENDED GROUND WAVE): This is generally speaking the form of propagation that provides normal television reception in extreme fringe areas. The conventional theory about high-frequency waves teaches that the frequencies used for television are so high that television waves will behave like light waves when transmitted and will thereby be detectable only within a line-of-sight distance. However television waves when propagated thru the atmosphere will not travel in the same manner thru sections of the atmosphere that are differently constituted. This includes hot humid masses of air, etc. In these cases the waves will be scattered and will tend to travel beyond the normal line of sight. This is much the same thing as one sees when approaching the outskirts of a city at night. The city lights can be seen as a glow on the horizon far before the city itself is within line-of-sight range. This effect on television waves results in TV signals being seen quite a lot farther than the line-of-sight range. Needless to say this effect is largely dependant upon weather and also the time of day. In the morning and early evening hours when the atmosphere is either warming up or cooling off, the temperature inversions will contribute to tropospheric propagation are more frequently present. Tropospheric signals are practically always accompanied by a fading of some sort and trop DX'ing uncovers some of the weakest signals a TV/DXer will encounter. By the same token trop signals can be very steady and quite strong even over long distances. Unlike meteor scatter and Es skip there is no minimum distance for trop, no point is too close. Trop stations begin just beyond your regular fringe stations and extend upon occasions as far as 800 or more miles.

TV-DX for the month of April should see some rise on the trop scene with the return of warmer weather. Meteor scatter should be good with the LYrids shower scheduled for this month. In the more southern regions Es skip may begin to show up with some spotty openings. Aurora will be on the upswing this month but it is always difficult to identify DX by aurora.

With the return in the next several weeks of good DX'ing times (we hope) some who have felt that the ole one-eyed monster was not operating up to par should give a good look at the tubes in your set, alignment, condition of your antenna system, etc. The first tube in your TV set often determines the overall sensitivity of the entire set. It's a good idea to keep it in the best condition. Most cascade tuners use one of the following tubes in that important stage: 6BZ7, 6BQ7, 6BQ7A, or 6BK7. Of these all the tubes are interchangeable and the 6BZ7 will have the highest gain and best noise figure followed by the 6BQ7A. Lately I hear news of another direct plug-in replacement, the Amprex 6922, which has still higher gain and lower noise. It is not widely available but is well worth trying if you can get one.

This brings this month's column close to the end. Next month I expect I shall have more than one stencil and more material to fill in. Please keep the reports and on personal mail, I am answering slowly but surely, as always - hi.

Bryan

E A S T E R

WESTERN
DX
APRIL-1960
by
Dee Johnson
146 Maddock
Longview,
Wn.



LET'S ALL VOTE THIS MONTH.
(IF I HAD A HAT I'D THROW
IT IN THE RING FOR
ART COLLINS FOR PRES.)

Letters to the Editor

First of all I would like to thank all of you who so kindly sent me your list of all skip rec'd (ch. 2-6) (1800 miles and under only). Many of you responded..and for this I appreciate it very much.

Dennis Smith dropped me a card, and said he was most interested in the new FM-DX column, and hopes it will succeed. All of you with tape recorders will no doubt receive a tape from Dennis this month..as he plans on warming up that tape recorder while home over Easter...I'll be looking for mine...

Gordon Simkin writes from Idaho and sends his list of all skip rec'd.. and a big list it is too. Didn't mention whether or not you have rec'd any type of dx or not lately...

Jim Pirch of Richmond, Missouri says that due to the large amount of snow that they had, it was a very bad month for dxing..He did receive some MS tho. unid..but a couple of real strong bursts.

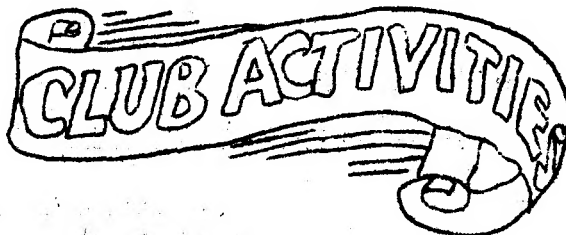
Charles Wodd of Ashland, Ore., writes and gives me a bawling out..and I DESERVE IT!! Says I have not written to him, or answered his letters lately...We l l ..I owe lots of you letters, and really have no big excuse for not answering them..except that I've been busy..and forgetful. Please forgive me..all of you...I do appreciate the letters that you send...I enjoy them very much..and I shall try to do better in the future. Charles sends along a log list for this past month: Feb. 28, KNSL-12 tropes/Feb. 29, KBOI or KOOK-2 by tropes or Es/Mar. 1, unknown ch.2 by Es showing weathercast with map of Maine./Mar. 3, KNXT-2 by ms/Mar. 7, KDIX-2 by ms/and KOOK-2 by ms/and unid ch.2 by ms/ Mar. 18, KBOI-2 by ms/Mar. 19, KOAC-7/KVAL-13/KOIN-6/KXTV-10/KVIQ-6/KIEM-3/ all by tropes.

Bill Draeb of Kewaunee, Wis, writes us this month to say not much DX rec'd except for his Jan. 29, 30, 31 loggings, when he got his excellent logging of KODE-12 at 640 miles. While watching for early morning ~~IN~~ MS on Mar. 12, he rec'd three different sets of color bars on ch.5 and a wedge TP which, unfortunately, wasn't good enough for him to ID. Thanks for the list Bill.

A new member of our club..Dave Webb..of Springfield, Mass., writes that he sure thinks the AIPA is a great organization and deserves support.. I'm sure all of us will agree with you there Dave. He is 13 years old, and has DXed for 6 years, and has 61 stations logged. He wants to know if anyone has some used equipment for sale..and would like to correspond with some of you other members..so if you would like to write Dave, drop him a line ...134 Groton St..Springfield, Mass.,

Frank Hill writes and says no dx has been logged in Ohio lately either. Lots of snow tho...he looks for a terrific flood when all the snow melt Listing his vote for our Pres for the coming year..I shall have to vote the same..keeping our fine Pres and V.P. in office. Nice to hear from you, as always, Frank.

Ron Boyd, writes a long letter (your letters are always so long and interesting Ron) On Feb. 3, they had one of the worst snow storms that he's seen with about 30 inches of snow in 21 hours. Rec'd a good photo of WTAR-3 via ms on Jan. 3. Last heard BBC and RTF on Feb. 27.



Morris Foote sends his log list for the months of Feb. and Mar. Starting with Feb. 7, some unid Es noticed on chs 2-4. Feb. 12, KNXT-2 by ms/ Mar. 15, unid CBS ch.8 by several ms bursts/also unid ch. 7 and 9 by MS and aurora dx on ch. 2-5-6. Mar. 21, KCKT-2 by ms. Morris notes that it seems to him that more stations are using t.p. without calls than ever before..I agree with you..KCIX-6 his local station is still off the air..with no signs of coming back on. Thanks for writing Morris.

Exc. tropes were rec'd here by your editor on one day this month. Oh, nothing new..but some old "friends" which I haven't seen in many months. This all took place on Mar. 18, and lasted all day..some 15 hours. Logged were: KOTI-2/KPIC-4/CBUT-2/KREM-2/KOMO-4/KBES-5 (?) /KING-5/KOIN-6/CHEK-6/KOAC-7/KIRO-7/KGW-8/KTNT-11/KPTV-12/KVOS-12/KVAL-13/KTVW-13/ March 15, brought some strong aurora on ch. 2-8. Now if only I can receive some Es this coming month..I'll be happy.

Percy Cox of Visalia, California writes a long letter this month. He reports that he saw no dx this past month at all. Some local short-wave friends said that there were a couple of good days..but he was busy at the time, so.....Been doing real good with FM stations, (HOPE you are sending info on to the new column...FM-DX). Real nice to hear from youmake it oftener...

Dennis Smith writes that he is sure glad that the Doris Johnson who was lost in Seattle this past month, on a Mountain was not me.... Nope, it wasn't me...(P.S. I'm glad too).

A tape of Tom Hidley's is making the rounds of the Western folks, anyone interested might contact Dennis Smith.

That's IT for this month! Best of dx to all of you

DON'T FORGET TO VOTE THIS MONTH!!

Bea

PLEASE VOTE!

List of members eligible to hold office.

Eddie Albright	D. Quentin Glenn
B.J. Bingham	William Grant
John Black	Ghislain Girard
Carter Bays	Frank Hill
Bedford Brown	Carlton Howington
Geo Bergen	Ronald Hilding
Ed Bourgeois	James Habermehl
Ronald Boyd	Thomas Hidley
Raymond Bell	Ed Hepp
Milton Bay	Doris Johnson
Art Collins	David Janowick
Ken Cooper	Albert Kopec
John Cody	Alan Livingston
Percy Cox	Kenneth Moses
Ferdinand Dombrowski	James Mitchell
M.W. DeGeer	Bill Meers
Jim Dillon	Don Middleton
Clinton Day	Ken Neal
Billy Draeb	Richard Nieman
Norris Doyle	William Nieman
Michael Evangelista	John Opyd
Bill Eckberg	Gary Olson
Norman Ernt	Raymond O'Rear
Ed Fournier	William Palmer
Morris Foote	William Pelton
Barney Rauch	Ed Prond
Ed Rugel	John Parillo
Don Ruland	Armand Pollard
Bryan Rawlings	Donald Voegle
Don Roller	Frank Wheeler
King Schafer	Charles Wood
Robert Seybold	John Winegard
Edwin Shorey	James Habermehl
Gordon Simkin	M.W. DeGeer
Dennis Smith	Richard Mason
Walter Spaulding	

The list of members above are and have been members in the AIPA for over one year and more, therefore making them eligible to be voted in office for President, Vice President, or one of the six board members. We sincerely urge every member to please VOTE. Everyone has the right to vote, even though you may be a member for only one month etc....

The results of the election will be published in the May issue.

Please take note (On FCC Page) of new "MS" Column and Editor

Our Vice Pres. King Schafer is going to do the EDITORIAL for the coming month, May. I'm sure it will be of interest to all.